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Aerospace Division

Dottie Moon

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AEROSPACE DIVISION

The objectives of the Aerospace Division are to encourage the free exchange of ideas and information between libraries and librarians who are directly concerned with aerospace technology and related sciences; and to maintain a dialog with NASA and other governmental agencies upon whom we rely as sources of technical data and bibliographic sources.

FROM THE CHAIR

DOTTIE MOON



ATLANTA HIGHLIGHTS

The Eighty-fifth Annual SLA Conference is now history. Kudos to all Aerospace Division members who helped make the conference

a success. Special recognition goes to Mala Sistla, past chair, for all of her efforts in pulling together the programs and events planned for our division. Mala must be very pleased with the large number of attendees at the functions. She tells us a little bit about that later.

I would also like to acknowledge Aerospace Division member Sandy Moltz who served on the five-member 1994 Conference Program Committee and who seemed to be everywhere at once.

We extend appreciation, too, to the vendors that helped in developing and sponsoring activities for the conference. Our success is greatly aided by the generous support of the following—the AIAA, Dialog Information Services, Faxon, Information Handling Services and Mead Data Central.

The conference had a myriad of sessions that dealt with change. Visioning sessions, strategic thinking sessions, how-to's on new technologies, vendor presentations, and various roundtables highlighted events shaping our profession and how we do business.

Richard Ross, Monday's keynote speaker, talked of mental maps and learning organizations. New research indicates that an organization's ability to learn may be the only sustainable source of competitive advantage. Organizational change demands leaders to develop new ways of looking at their world—roles, skills, tools—to foster a culture that learns faster and better than the competition.

Charles Garfield, Tuesday's keynote speaker at the conference, gave an excellent address on getting top performance from employees. His career is a study in the how-to's of high performance. In his recently released book *Second to None*, Garfield makes it clear that "in the competitive world of the 1990s even yesterday's peak performance isn't enough." Changes require new mental maps and clear vision to propel us to ever higher levels of "peak performance."

As information professionals we need to harness change to effectively plan for our future and our roles within

our parent organization and the information industry. Barbara Lawrence, Strategic Planning Committee chair, lead a discussion to try and develop a vision or plan for our division. Her report on the results is included in this issue (see p. 53). We hope to build on these ideas during the year and to help our members in developing their own visions and mental maps.

MONTREAL PLANS

Plans are already in the works for programming and events that will take place at the 1995 conference in Montreal. This will be a special year for the division as we will be celebrating our **30th anniversary!** Look for more details on this in the next issue.

There is still time to notify me of any ideas that you might have for programs that you think would be worthwhile sessions at that meeting.

Ideas that are being considered at present by various conference planners include:

- Internet: lots of sessions on the nitty-gritty, real-life ways to use the information superhighway.
- Team Building: how to motivate mature teams and appraise individual performance
- Globalization of the aerospace industry: more mergers and acquisitions, partnerships—what the future will bring
- Imaging: future technologies; business applications of multimedia
- International Standards: how to find them or their equivalents & lots more
- ISO 9000: what's involved in getting certifications
- Alternate Energy: fuel cells, solar, wind and ?
- Re-engineering the Library
- Virtual libraries
- Librarians as consultants with their organizations
- Outsourcing
- Patents: 3 views—research, legal, competitor intelligence
- Learning Organizations
- Vendor Relations/Partnering with supplies
- NAFTA's effects on transportation

Again, if you have ideas for programs, or, if you know of speakers that you would like to have SLA consider—just contact me via one of the pathways listed below. I am still also looking for several committee chairs and for people to work on committees. If interested, please contact me at any of the numbers or addresses listed later for me.

To pass on ideas for programs, speakers, events for Montreal, OR

To find out more about getting involved in the Division, contact:

Dottie Moon, UTLIS: Project Information Services; 400 Main St; MS 169-31, East Hartford, CT 06108
Tel.: (203)565-0386; Fax: 203-565-9060
E-mail:

GEORGIA (AND ATLANTA) ON MY MIND

By Mala Sistla

My warmest congratulations to all of you on a job well done. I could not have done my job without your help this year.

I would like to take this opportunity to thank everyone for making the programs a success. The most memorable event for the Aerospace Division was the presentation at the business luncheon June 14 by Dr. P.C. Schultz, co-inventor of fiber optics technology and president of Heraeus Amersil Inc. There were 60 people there representing members, vendors, and non-members alike. Dr. Schultz was marvelous. We really were privileged to have a speaker of his caliber.

At the information superhighway session, which was moderated by Margie Pearson, the speakers there also did a super job, particularly of explaining the topic in simple terms.

The strategic planning session moderated by Barbara Lawrence and with Dottie Moon, Gail Stahl and George Roncaglia drew an overflow crowd. Barbara talked, too, about drafting a strategic plan for the division. Other programs on benchmarking and electronic journals were co-sponsored and also well attended.

The division also had for sale, for the first time, division T-shirts. Featuring the new division logo, they sold well both at the business luncheon and at the socials. The socials were co-sponsored respectively with the Solo Librarians Division and the Engineering Division.

On a personal note, my being the chair made me realize that success depends on team participation. It is very important that all members of a team participate and work independently on their tasks to make the year's effort on an annual conference worthwhile. When someone volunteers for a job or committee, they must make sure that they have the time and support of their organizations to make a real contribution. In spite of a setback or two we had for Atlanta, the Aerospace Division programs went well.

(Incidentally, under new business, I can tell you that McGraw-Hill's Peggy Traband said that she is willing to sponsor—just for Aerospace Division members—a breakfast meeting at the 1994-95 annual conference in Montreal.)

In closing, I would like to leave you with these words:

"Do the best you can. Don't be petty. There always will be some who will hate you.

Allowing them to get the best
of you is like letting them win."

—Richard Nixon

My best wishes to the 1994-95
executive board.

SHINGLES HUNG

The new Chair-elect and Secretary of the division are Dorothy Gannon and Thomas Tipsword respectively. Dorothy, as you will remember, is director of library services at Creare, Inc., in Hanover, New Hampshire. She has been the director there since 1987 and celebrates 10 years with Creare this year. She was appointed Chair-elect by the outgoing executive board when Rosalind Cheslock respectfully declined to accept the position to which members voted her. New, and exciting, responsibilities both at work and elsewhere in the field of librarianship were cited as reasons for her decision.

Thomas is the systems and technical services manager at the Hunt Memorial Library at Embry-Riddle Aeronautical University, Daytona Beach, Florida. He "recently" assumed that position after previously serving the U.S. Army Aviation Systems Command as technical services librarian.

The numbers and addresses of both follow shortly in a list of officers and chairs.

AEROSPACE DIVISION OFFICERS AND CHAIRS 1994-1995

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Vacant

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AIAA-PLUS SIGN By Karen Holloway

The AIAA's Technical Information Division is undergoing exciting changes in 1994 to enhance its products and services, starting with the formation of AEROPLUS ACCESS (formerly the Technical Information Service of the AIAA). AEROPLUS ACCESS is now the umbrella group for the institute's technical information products and services, and will offer indexes, abstracts, full-text articles, and custom database searches in a variety of electronic and print formats.

The AIAA, of course, has offered literature information services since 1936 and abstracting and indexing services since 1956. The goals of AIAA's technical information program has been, and will remain, to bring international aerospace literature to aerospace scientists and engineers and to manage and make accessible worldwide aerospace literature. AEROPLUS ACCESS is just a gateway to the latest technological developments and scientific research available in a wide range of disciplines. It is a critical aspect of the information transfer role the AIAA has within the aerospace community.

Foremost of the information transfer mediums is the Aerospace

Database made available through DIALOG Information Services either directly online in File 108 or as a CD-ROM product. The database that's online offers over 1.9 million abstracts culled from the aerospace literature from 1962 to the present, with emphasis on aeronautics, space and planetary sciences, propulsion, rockets, commercial aircraft, and related subjects. It also covers allied engineering fields, materials, chemistry, physics, medicine, and geosciences, among others.

Also offered is the *International Aerospace Abstracts* (or IAA) introduced in 1961 and now the primary source for convenient access to the world's published literature in aerospace and related technologies. Each issue of IAA contains abstracts selected from hundreds of domestic and foreign periodicals, published monographs, meetings, and conferences.

AEROPLUS DISPATCH, a new document delivery service, is a cooperative effort of the AIAA and Dynamic Information Corporation of Burlingame, California. It can provide photocopies of journal articles, conference papers, and other materials indexed and abstracted by the AIAA and other sources. AEROPLUS

DISPATCH can do this because it includes the AIAA Library, the world's largest private collection of aerospace literature, with 1,600 journals, 35,000 books, almost 900,000 conference and meeting papers, and more than 850,000 microfiche documents including NASA and NACA reports. The AIAA Library holdings date back to the early 1900s and include source documents from more than 100 countries.

On June 20, AEROPLUS ACCESS moved to its new location in New York City. The staff here now can answer questions about database support, acquisitions policy, user education, and sales. Write, or call,

AIAA/AEROPLUS ACCESS

85 John Street, Fourth Floor

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If you have any questions or comments on AEROPLUS ACCESS, please contact me at (202)646-7441 (Washington DC), karenh@aiaa.org or Barbara Lawrence, Technical Information Division Director, (212)349-1120 (New York), lawrence@panix.com.

LISTSERV LISTENING

The NASA Scientific and Technical Information Program Office created, and is the host of, the division listserv. The listserv has been operational now for several months, and has proven to be an effective tool in obtaining information.

Members who wish to subscribe should send an e-mail message to the listserv at:

listserv@sti.nasa.gov

and leave the subject line for your message blank. In the section for text, type:

subscribe sla-aero (YOUR NAME)

An example of this would be:

subscribe sla-aero SALLY RIDE

A confirmation of the registration will be sent via e-mail.

Once you have subscribed, you can send messages to it by addressing them to:

sla-aero@sti.nasa.gov

The station does not have a moderator so messages sent to sla-aero are distributed to all of the subscribers who have registered. At last count there were over 90 people on the listserv. If you are unfamiliar with listservs or need assistance in subscribing, contact Margie Pearson, the Networking Committee chair. The numbers and addresses where she may be contacted were listed previously.

POSITIVE Gs

By Barbara Lawrence

The Aerospace Division is in the process of developing a plan for its future activities. Feeling that a traditional strategic plan has specific tactics and targets not applicable to an organization of volunteers, it seemed appropriate for an organization (with a leadership that changes annually) to develop a focus plan. This will allow leaders to identify issues they can address without actually imposing them on leaders that follow.

The vision and purpose upon which this is predicated were developed during 1993-94. The vision is to create a viable network of people with the highest standard of ethics and professionalism dedicated to providing the division and parent organizations with unsurpassed services and value-added products. The purposes similarly are:

- to encourage cooperation and the exchange of ideas
- to work cooperatively with government agencies and technical societies
- to provide educational and networking opportunities

Focus areas were identified in part by an interactive exchange between

members after "Strategic Thinking", a program sponsored by the division at annual conference.

Background on this initiative is that the aerospace community (which includes governmental entities, academic components, and industry) is in the midst of extensive and long term change, due to the significant upheaval in supporting economic climates. Competitive and defense requirements are radically different. To remain globally and economically secure, aviation and defense oriented organizations are downsizing, reengineering, partnering and certainly changing. The library and information components of aerospace organizations are likewise affected. Managers of libraries have responded by facing squarely the strategic issues of:

- organization effectiveness
- resourcing (partnering, outsourcing, cooperatives, etc.)
- information technology as an enabling tool

In that direction, then, this plan tries to identify, or focus upon, areas where the division can support its membership, and the aerospace community.

FOCUS AREAS

Networking - to increase and enhance the role of the division in building a strong communication channel among aerospace industry librarians

-by using and promoting the existing listserv, possibly by appointing a moderator to ask questions which prompt discussions

-by adding roundtable sessions (possibly at breakfast or lunch) to the program at annual conference. Here, different tables could discuss different topics like document delivery, training, automation, organization visibility, etc.

Strategic thinking - to provide ongoing guidance and sharing on planning processes and experiences

-by continuing to address strategic issues and processes at annual conference

-by publishing strategic planning articles in *Sci-Tech News*

-by considering the preparation of a publication on strategic issues and strategic planning

Resource education - to keep members up-to-date on useful information resources

-by using the listserv or *Sci-Tech News* to report on resources potentially useful to all members

Role models - to share effective examples of leadership in different library and organization environments

-by publishing profiles in *Sci-Tech News*

-by publishing "how we did it good" articles in *Sci-Tech News*

-by encouraging and supporting member participation at aerospace technical conferences

-by identifying best practices and presenting results of the same at annual conference or elsewhere as appropriate

Research - to support and encourage research in aerospace industry information needs, as well as the practices and changes in division libraries

-by developing proposals for SLA research funds

-by identifying a cadre of library scholarly researchers and encouraging them to study aerospace related libraries

Vendor relations - to take an active role in working with publishers in the field and with information providers and informing them of their customers needs

-by holding sessions with publishers and information providers at annual conferences

-by organizing visiting teams to meet with publishers and service providers on-site

These are the ideas to date on focal areas. Please send comments and suggestions to me at: American Institute of Aeronautics and Astronautics

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GMMA

It is time to start considering individuals for the George Mandel Memorial Award. Nominations are due by January 1, 1994, and a winner will be selected by the end of February.

The honoree receives \$500.00 to help themselves finance a trip to the annual conference, which will be in Montreal in 1995.

To be considered for the award, an individual needs primarily to have made contributions which have benefited either the profession, the association, the division, or the perception of the public of libraries or librarians.

This is an award to preserve the enthusiasm and goals its namesake had both for the division and the profession. George Mandel believed it was important for librarians to participate in professional organizations to continue to grow and develop as professionals.

Dr. David Mandel, a rheumatologist in Ohio and the son of George Mandel, wrote recently that "my dad was involved and committed to the Special Libraries Association. He particularly enjoyed working with so many fine people in the Aerospace Division. This award is a wonderful tribute and legacy to my father's memory."

FUNDRAISING ADVENTURE

The adventure begins.

The Aerospace Division board voted June 14 to prepare and publish an index which it hopes will raise funds for the division. Tentatively titled *Index to the Place of Publication of AIAA Papers from 1963 to 1993*; the index will list both the place (i.e., the journal, for example) and the year, month, and issue

of publications where AIAA papers have been published. . . besides in conference proceedings.

Sandy Moltz wrote, in proposing the project, that the index will allow librarians to determine quickly whether or not they have a paper a customer wants in a journal already in the collection. An index like this, which a librarian could keep at the ready, would be faster to use, and less expensive, than going online to learn the answer electronically, she said.

"If the publication only cross references paper numbers to journal locations, the book would not be elaborate," she said, "and it could be sold cheaply."

"Adding indexes that cross reference authors and titles, too, would require more time, and help, to produce, but," she said, "it could be sold for a higher price. Feedback on which version people prefer is what we need," she said.

The AIAA already has cross indexes for the years between and including 1986 and 1992, she said. Volunteers are needed to research the rest of the years. Comments, questions and offers of assistance of help can be sent to:

Sandy Moltz: ssm@ppd8.ae.ge.com
or (617)594-5363

Karen Holloway: karenh@aiaa.org.
or (202)646-7441

Dottie Moon: mgm@utrc.utc.com
or (203)565-0386

STRAIGHT AERO

By Don Welch

Change is, as they say, all around us. Some of it is good, and some of it is, well, poo-poo.

An example of change that looks like it's going to be good for us is the AIAA, or part of it, moving to California. I first learned of the relocation late in March, when I called the AIAA. One of the librarians there told me that the collection was moving west. . .to Cally-for-nee-ah. I had thought, until I heard that, that I was on top of things in the industry. Apparently not.

Still, I had to chuckle at what the librarian there was telling me. That's because she said "everything" in the library had been packed in boxes and was ready for the move. That made me smile because I was facing a move at the time myself. Not a move across the country or between buildings, but a move anyway.

What was in store, for me, was a relocation down the hall for simply a day or two, with an emphasis on the two, I think. The library was going to be repainted and recarpeted, as was the rest of Research & Engineering. That's it; nothing particularly grandiose—just displaced for a day or two until the job was done.

Just move me and the tables and desks down the hall and work around the stacks. Sounded simple, sounded good.

It brought me to my knees. First of all, once I was moved out I couldn't get back inside. . .even for a minute. The workmen didn't want that. Second, the furniture was moved so closely together down the hall that I

basically had to stand to work, what work I could do.

Thirdly, there was not an outlet anywhere around the furniture that let me have electricity. There were some there but they had been deactivated since the area was used primarily for staging moves from A to B. This meant neither the PC, the phone, nor the typewriter worked. Another minus for me (and this was No. 4) was that I found the library open a number of times and there was not a workman anywhere in sight. Who was there to question or inhibit anyone from taking anything they wanted, I asked myself. Not a soul, was the answer.

Finally, I was depressed most of all by the fact that I didn't get to see and talk to "the regulars." I actually missed the guys who came to the library regularly.

Don't get me wrong—I'm not that much of a talker or socializer, but I am not a hermit either. It also dawned on me that the regulars came to the library because they could get something there that they couldn't get elsewhere. I realized then that I got as much from "the regulars" as they got from me. We were useful one to another. They got the information, or whatever, they needed and I got a pat on the back, so to speak, though vicariously.

I've tried since then not to become a snob. I realize, though, that I now "love" both the people and the jobs/services I do for them. I am a professional. . .WITH AN ATTITUDE!!!

AEROSPACE DIVISION MINUTES OF ANNUAL BUSINESS MEETING June 14, 1994

The meeting, which was held in the Ritz Carlton Hotel in Atlanta, was called to order on June 14 by chair Mala Sistla. After introducing the board and committee chairs and welcoming Kitty Scott, the SLA Board of Directors representative, the chair thanked a number of people and organizations for the support provided both her and the division in 1993-94.

She then made presentations of a number of awards and acknowledgements. Donald A. Welch was introduced and presented with this year's George Mandel Memorial Award. A plaque also was given to Mead Data Central for its corporate support of the division. Corilee Cristobol accepted it for Mead Data Central.

Attendance was taken by circulating a sheet of paper which was not available when the minutes were being prepared.

The chair introduced Dr. P.C. Schultz next. He was to speak about the invention and development of fiber optic technology. He was a scientist at Corning in the 1970s and helped invent the technology which is revolutionizing telecommunications. He explained that a one-mile strand of fiber weighs only one gram, but is resilient. He also circulated samples of undersea and underground fiber optic cables, which, he said, can handle tens of millions of light impulses per second. Dr. Schultz also spoke of

the current climate of increased competition and repositioning in the telephone and cable industries. He also discussed HDTV, a technology that can provide photographic quality images for television.

A question and answer period followed the presentation, and then the chair presented Dr. Schultz with a model of the C-130 stretch model aircraft.

The minutes of the 1993 business meeting in Cincinnati were presented next, and they were approved as published in *Sci-Tech News*.

Officer and committee chair reports followed, with Donald A. Welch presenting a financial status of the division first. He said that the division is in good financial health, as of May 31, but it needed new sources of revenue. Mala Sistla then presented a summary of her report on the division which went to SLA, noting that committee reports were included in that.

A highlight of the report was that despite aerospace industry downsizing and restructuring, the division still had 256 members. In April 1993, there were 309 members.

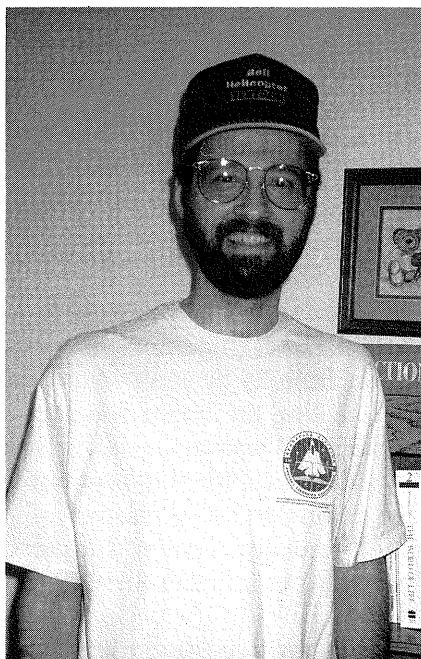
Election results, however, were not available either for the report to SLA or for the meeting.

When the floor was opened for discussion of old business, a cookbook project which was tabled for review last

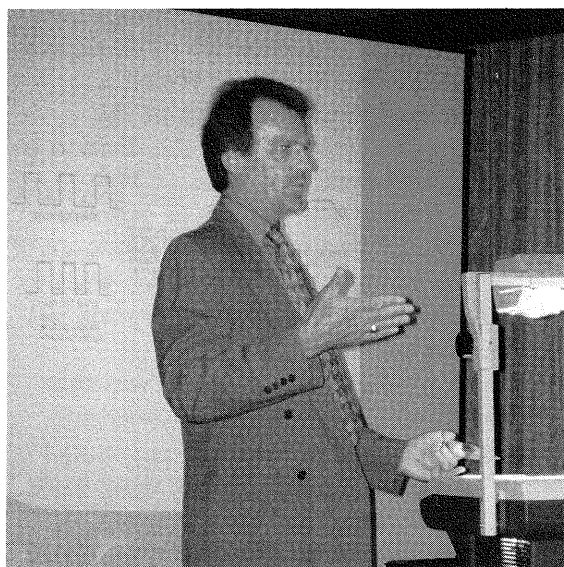
year was dropped due to a lack of interest and participation by members.

New business included a suggestion and motion for the division to sponsor one person to attend a domestic sci-tech conference. The motion was approved. An Aerospace Division logo also was approved as presented. Barbara Lawrence submitted a draft vision statement, and she asked for input on its content. A motion to update the bylaws also was considered and passed.

Finally, the chairmanship was passed to Dottie Moon, Chair-elect in 1993-94, and she discussed plans for the 1994 annual conference in Montreal and committee appointments. The meeting then was adjourned. (Minutes respectfully recorded by Marlene Sue Heroux and reported by Tom Tipword.)



About 100 of the T-shirts screened with the logo of the Aerospace Division remain available. The cream colored shirts are 100 percent, pre-shrunk cotton and are available for \$15.00 apiece. The logo is screened in blue and is captioned by a quotation of Goethe—"Whatever you can do or dream you can, begin it. Boldness has genius, power and magic in it." Checks should be made to "Aerospace Division, SLA" and should be sent to the treasurer, Donald A. Welch, the model above.



Dr. P.C. Schultz emphasizes a point during the presentation he gave at the Aerospace Division annual business meeting at annual conference. (Photo by Barbara Lawrence)

NEW FROM PUBLISHERS

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